

SYSTEM AND METHOD FOR EFFICIENT SELECTION
OF A PACKET DATA SERVICING NODE

ABSTRACT OF THE DISCLOSURE

5 A data communication system 10 is provided that
allow for the efficient management of data communication
sessions requested from a plurality of packet data
servicing nodes (22-28) which are organized in a cluster
32, each member of the cluster 32 manages a cluster
session table which contains data identifying mobile
units 12 and packet data servicing nodes (22-28) which
are servicing data sessions with the mobile unit 12. As
10 a mobile unit 12 moves from one portion of the system 10
to another, a network element such as a base station
controller 40 will request a data session from a packet
data servicing node 28, the packet data servicing node 28
is then able to access the cluster session table to
15 determine if the data session is already being served by
another member of the cluster 32. If the data session is
already in existence, the base station controller 40 will
be directed to request a data session from the packet
data servicing node 32 which is already servicing that
20 session. In this manner, the hand off of data
communication sessions between packet data servicing
nodes is reduced or eliminated.